

ABSTRACT:

An audio transmission system comprises: a decoder for converting a frame organized bitstream into an audio output representation; and a bad frame processing means arranged for detecting bad or disturbed frames in the bitstream. The audio transmission system further comprises a pitch period estimator coupled to said decoder audio output for
5 estimating the pitch period of the audio representation and the pitch period estimator is further coupled to the bad frame processing means for replacing the audio output during a detected bad frame by a pitch period determined representation of said audio output. As a consequence no smoothing is necessary at the edges of neighboring frames.

10 Fig. 1